

AMENDMENTS TO THE CLAIMS

1. (~~Previously~~Currently Amended) A flexible viewing scope apparatus, comprising:

 a flexible viewing scope connected to a first end of a fiber optic cable;

 ~~an eyepiece having an eyepiece lens connected to a second end of said fiber optic~~
~~cable, and~~

 ~~a source of ultraviolet light provided at the second end of said fiber optic cable;~~
 a source of ultraviolet light disposed at a second end of said fiber optic cable;
 an eyepiece having an eyepiece lens connect to said source of ultraviolet light,

 wherein the eyepiece has a free end;

 wherein said fiber optic cable is encased in a flexible arm.
2. (Original) The apparatus of claim 1, further comprising a white light source provided at said second end of said fiber optic cable.
3. (Previously Amended) The apparatus of claim 2, wherein said eyepiece can be focused.
4. (Original) The apparatus of claim 3, further comprising a switch for tuning the ultraviolet light source on and off.
5. (Original) The apparatus of claim 1, wherein said ultraviolet light source is a blue LED.

6. (Previously Amended) The apparatus of claim 5, wherein said eyepiece can be focused.

7. (Original) The apparatus of claim 6, further comprising a switch for turning the ultraviolet light source on and off.

8. (~~Previously~~Currently Amended) A method of leak detection, comprising the steps of:

providing an eyepiece having an eyepiece lens connected to a source of ultraviolet light, wherein the eyepiece has a free end and the ultraviolet light source is connected to an end of a fiber optic cable;

illuminating an object with ~~an~~ the ultraviolet light;

viewing the object through ~~an~~ the eyepiece ~~having an eyepiece lens with~~ via a flexible viewing scope ~~through a~~ connected to another end of the fiber optic cable ~~connected at a first end to the flexible viewing scope and at a second end to said eyepiece.~~

9. (Original) The method of claim 8, wherein said fiber optic cable is encased in a flexible housing.

10. (Original) The method of claim 9, further comprising the step of illuminating the object with a white light.

11. (Previously Amended) The method of claim 9, further comprising the step of adjusting the focus of the eyepiece.

12. (Original) The method of claim 8 wherein said ultraviolet light is generated by a blue LED.

13. (Original) The method of claim 12, wherein said fiber optic cable is encased in a flexible housing.

14. (Original) The method of claim 12, further comprising the step of illuminating the object with a white light.

15. (Currently Amended) A flexible viewing scope apparatus, comprising:
means for illuminating an object with an ultraviolet light;
an eyepiece having an eyepiece lens connected to the illuminating means, wherein the eyepiece has a free end and the illuminating means is connected to an end of the fiber optic cable;

means for viewing the object through ~~an~~the eyepiece having an eyepiece lens ~~with a flexible viewing scope through a fiber optic cable connected at a first end to the flexible viewing scope and at a second end to said eyepiece,~~ said viewing means connected to another end of the fiber optic cable.

16. (Previously Amended) The apparatus of claim 15, wherein said fiber optic cable is encased in a flexible housing.

17. (Previously Amended) The apparatus of claim 16, further comprising means for illuminating the object with a white light.

18. (Previously Amended) The apparatus of claim 16, further comprising means for adjusting the focus of the eye piece.

19. (Previously Amended) The apparatus of claim 15 wherein said ultraviolet light is generated by a blue LED.

20. (Previously Amended) The apparatus of claim 19, wherein said fiber optic cable is encased in a flexible housing.

21. (Newly Added) The apparatus of claim 15, wherein the viewing means is a flexible viewing scope.

AMENDMENTS TO DRAWINGS

Please replace FIG. 1 submitted herewith in place of FIG. 1 pending in the application.